

INTERNATIONAL SEARCH REPORT

GB2004/002625

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02B6/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/026667 A1 (OKAMOTO KATSUNARI ET AL) 4 October 2001 (2001-10-04) cited in the application paragraph '0022!; figures 7,12 paragraph '0056! – paragraph '0059! paragraph '0071! – paragraph '0076!	1-17, 19-24, 27,29-31
Y	SAITO K ET AL: "Highly birefringent photonic bandgap fibers and its dispersion properties" INTERNATIONAL TOPIC MEETING ON MICROWAVE PHOTONICS, 5 November 2002 (2002-11-05), pages 329-332, XP010623188 the whole document	18,25, 26,28, 32-34
		18,25, 26,28

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

3 August 2004

17/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2
NL-2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Bourhis, J-F

INTERNATIONAL SEARCH REPORT

GB2004/002625

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	ORTIGOSA-BLANCH A ET AL: "HIGHLY BIREFRINGENT PHOTONIC CRYSTAL FIBERS" OPTICS AND PHOTONICS, OSA, WASHINGTON, DC, US, vol. 12, no. 12, December 2001 (2001-12), page 17, XP008000342 ISSN: 1047-6938 the whole document	32, 34
Y	KURMU V V R K ET AL OPTICAL SOCIETY OF AMERICA / INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "Modified group-velocity dispersion in extruded photonic crystal fiber" OPTICAL FIBER COMMUNICATION CONFERENCE. (OFC). POSTCONFERENCE DIGEST. ATLANTA, GA, MARCH 23 - 28, 2003, TRENDS IN OPTICS AND PHOTONICS SERIES. (TOPS), WASHINGTON, DC : OSA, US, vol. TOPS. VOL. 86, 23 March 2003 (2003-03-23), pages 300-301, XP010680120 ISBN: 1-55752-746-6 the whole document	33
X	WO 00/49435 A (UNIV BATH ; BIRKS TIMOTHY ADAM (GB); KNIGHT JONATHAN CAVE (GB); RUSSEL) 24 August 2000 (2000-08-24) page 9, line 1 - line 9 page 11, line 13 - line 20; figure 4 page 13, line 31 - page 14, line 4	1-15, 19-21, 29-31
A	KNIGHT J C ET AL: "PHOTONIC BAND GAP GUIDANCE IN OPTICAL FIBERS" SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, US, vol. 282, no. 5393, 20 November 1998 (1998-11-20), pages 1476-1478, XP001009986 ISSN: 0036-8075 page 1478	1-34

INTERNATIONAL SEARCH REPORT

Information on patent family members

GB2004/002625

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2001026667	A1	04-10-2001	JP	3484165 B2		06-01-2004
			JP	2001318260 A		16-11-2001
WO 0049435	A	24-08-2000	AT	247837 T		15-09-2003
			AT	250772 T		15-10-2003
			AU	767773 B2		27-11-2003
			AU	2564900 A		04-09-2000
			AU	771646 B2		01-04-2004
			AU	2565000 A		04-09-2000
			CA	2362992 A1		24-08-2000
			CA	2362997 A1		24-08-2000
			CN	1341219 T		20-03-2002
			CN	1341221 T		20-03-2002
			DE	60004638 D1		25-09-2003
			DE	60004638 T2		17-06-2004
			DE	60005486 D1		30-10-2003
			DE	60005486 T2		22-07-2004
			DK	1153324 T3		24-11-2003
			DK	1153325 T3		26-01-2004
			EP	1153324 A1		14-11-2001
			EP	1153325 A1		14-11-2001
			EP	1340725 A2		03-09-2003
			EP	1385028 A1		28-01-2004
			WO	0049435 A1		24-08-2000
			WO	0049436 A1		24-08-2000
			JP	2002537574 A		05-11-2002
			JP	2002537575 A		05-11-2002
			US	2004105641 A1		03-06-2004
			US	6631234 B1		07-10-2003